

2-7-05  
E V 782 12 093 9

Please type a plus sign (+) inside this box → +

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted With Initial Filing <b>OR</b> <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	PU030279
	<b>First Named Inventor</b>	Guillaume Bichot et al.
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	/
	<b>Filing Date</b>	
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**BROADCAST OVER UNICAST IN A NETWORK**

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) October 6, 2004 as United States Application Number or PCT International

Application Number PCT/US04/32963 and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
US 60/509,325	October 7, 2003	

[Page 1 of 2]

**Burden Hour Statement:** This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input type="checkbox"/> Customer Number or Bar Code Label	24498	OR	<input checked="" type="checkbox"/> Correspondence address below
<b>Name</b>	JOSEPH S. TRIPOLI				
<b>Address</b>	THOMSON LICENSING INC.				
<b>Address</b>	PO Box 5312				
<b>City</b>	PRINCETON	<b>State</b>	NJ	<b>ZIP</b>	08543-5312
<b>Country</b>	USA	<b>Telephone</b>	609-734-6440	<b>Fax</b>	(609) 734 - 6888
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
<b>Given Name</b>	GUILLAUME		<b>Family Name</b> BICHOT or Surname		
<b>Inventor's Signature</b>				<b>Date</b>	26 / November 2004
<b>Residence: City</b>	la Chapell Chaussee	<b>State</b>		<b>Country</b>	FR
<b>Citizenship</b>	FR				
<b>Mailing Address</b>					
Mailing Address 26 rue de Montmuran					
<b>City</b>	la Chapell Chaussee	<b>State</b>		<b>ZIP</b>	35630
<b>Country</b>	FR				
<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
<b>Given Name</b>	JUNBIAO		<b>Family Name</b> ZHANG or Surname		
<b>Inventor's Signature</b>				<b>Date</b>	
<b>Residence: City</b>	Bridgewater	<b>State</b>	New Jersey	<b>Country</b>	US
<b>Citizenship</b>	CN				
<b>Mailing Address</b>					
Mailing Address 20 Jenna Drive					
<b>City</b>	Bridgewater	<b>State</b>	New Jersey	<b>ZIP</b>	08807
<b>Country</b>	US				
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

EX PROSS, CV 782109394

Please type a plus sign (+) inside this box



PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

# DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☐ Declaration  
Submitted  
With Initial  
Filing

OR

☐ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

PU030279

First Named Inventor

Guillaume Bichot et al.

## COMPLETE IF KNOWN

Application Number

/

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

BROADCAST OVER UNICAST IN A NETWORK

the specification of which

(Title of the Invention)

☐ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
US 60/509,325	October 7, 2003	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input type="checkbox"/> Customer Number or Bar Code Label	24498	OR	<input checked="" type="checkbox"/> Correspondence address below
Name	JOSEPH S. TRIPOLI				
Address	THOMSON LICENSING INC.				
Address	PO Box 5312				
City	PRINCETON	State	NJ	ZIP	08543-5312
Country	USA	Telephone	609-734-6440	Fax	(609) 734 - 6888
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name	GUILLAUME		Family Name BICHOT or Surname		
Inventor's Signature					Date
Residence: City	la Chapell Chaussee	State	FR	Country	Citizenship
Mailing Address					
Mailing Address 26 rue de Montmuran					
City	la Chapell Chaussee	State	35630	Country	FR
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name	JUNBIAO		Family Name ZHANG or Surname		
Inventor's Signature	<i>Je 28</i>		Date 8/13/04		
Residence: City	Bridgewater	State	New Jersey	Country	Citizenship
Mailing Address					
Mailing Address 20 Jenna Drive					
City	Bridgewater	State	New Jersey	Country	US
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

E + PR25 EV 782120 93945

PTO/SB/81 (11-04)

Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM</b>	<b>Application Number</b>	
	<b>Filing Date</b>	
	<b>First Named Inventor</b>	GUILLAUME BICHOT et al.
	<b>Title</b>	MULTICAST OVER UNICAST IN A NETWORK
	<b>Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	PU030279

I hereby appoint:

☒ Practitioners at Customer Number

Customer Number 24498

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Joseph S. Tripoli, Patent Operations				
Address					
Address	P. O. BOX 5312				
City	PRINCETON	State	NJ	ZIP	08543-5312
Country	USA				
Telephone	609-734-6440	Fax	609-734-6888		

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Name	Catherine A. Ferguson, Registration No. 40,877		
Signature	<i>Catherine A Ferguson</i>		
Date	March 22, 2006	Telephone	609-734-6440

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 3 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**POWER OF ATTORNEY  
THOMSON LICENSING**

We,

THOMSON LICENSING  
46, Quai A. Le Gallo  
F-92100 Boulogne-Billancourt  
France

do hereby grant

Joseph J. Laks  
Vice President  
Thomson Licensing Inc.  
Two Independence Way  
Princeton, New Jersey 08540


a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from July 1, 2005

DATED this \_\_\_\_14th\_\_\_\_ day of \_\_February\_\_, in the year 2006.

Signature:

Typed Name As Signed:

Title:

  
Béatrix de Russé  
Authorized Representative,  
Vice-President Intellectual Property & Licensing

THOMSON LICENSING

**POWER OF ATTORNEY**  
**THOMSON LICENSING**

THOMSON LICENSING  
46, Quai A. Le Gallo  
F-92100 Boulogne-Billancourt  
France

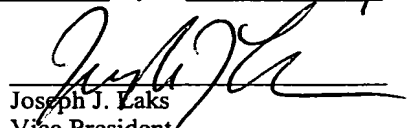
does hereby grant

Harvey D. Fried - Sr. Patent Counsel/Manager  
Ronald H. Kurdyla - Sr. Patent Counsel/Manager  
Robert D. Shedd - Sr. Patent Counsel/Manager  
Robert B. Levy - Sr. Patent Counsel/Manager  
Frank Y. Liao - Sr. Patent Counsel/Manager  
Reitseng Lin - Sr. Patent Counsel  
Christine Johnson - Sr. Patent Counsel  
Guy H. Eriksen - Sr. Patent Counsel  
Catherine A. Ferguson - Sr. Patent Counsel  
Joseph J. Kolodka - Sr. Patent Counsel  
Kuniyuki Akiyama - Sr. Patent Counsel  
Paul P. Kiel - Sr. Patent Counsel  
Jeffrey M. Navon - Sr. Patent Counsel  
Joel M. Fogelson - Sr. Patent Counsel  
Joseph J. Opalach - Sr. Patent Counsel  
Sammy S. Henig - Sr. Patent Counsel  
Patricia A. Verlangieri - Sr. Patent Counsel  
Brian J. Dorini, Sr. Patent Counsel  
Jorge Tony Villabon - Patent Counsel  
Vincent E. Duffy - Patent Counsel  
Richard LaPeruta - Patent Counsel  
Francis A. Davenport - Sr. Patent Agent  
William A. Lagoni - Patent Agent  
Brian J. Cromarty - Patent Agent  
Ronald Kolczynski - Member Patent Staff  
Michael A. Pugel - Patent Agent  
*Thomson Licensing Inc.*  
*Two Independence Way*  
*Princeton, New Jersey 08540*

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from July 1, 2005.

DATED this 27<sup>th</sup> day of February, 2006.

SIGNED

  
Joseph J. Laks  
Vice President  
Thomson Licensing Inc. and  
Attorney In Fact for  
THOMSON LICENSING

WITNESS

